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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/728,833 Confirmation No. 9281
Applicant : Christian Braeuer et al.
Filed : December 8, 2003
TC/A.U. : 3729
Examiner : Paul D. Kim

Docket No. : R.303598
Customer No. : 02119

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Date: October 22, 2004

**INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(b),
AND EXPLANATION OF THE RELEVANCE OF THE CITED PRIOR ART**

Sir:

The undersigned hereby requests that the prior art cited on the attached prior art statement be placed of record in the application file and be considered by the examiner.

This citation of prior art is made under 37 CFR 1.97(b), since it is being filed before the mailing date of the first office action.

The relevance of the prior art cited on the attached form 1449 is as follows:

DE 100 16 318 A1

This patent teaches an electromagnet which includes a core (21) with an anchor shaped armature (22,23). A yoke (25,26) has an even pole surface area. The core is smooth and the armature is plugged into the end of it. An Independent claim is also given for a method of manufacturing electromagnets.

DE 197 23 520 A1

According to the teachings of this patent, the inlet and outlet valves (6) of an internal combustion engine operate by an electromagnetic actuator (23,24) with the valve stem (8) and end section (22) formed as an armature. The armature has discs (12,13) and between them is a powerful return spring (11). The discs are retained by carriers (18,19) that are formed (20,21) to grip the valve rod. A number of variations on fixing are possible.

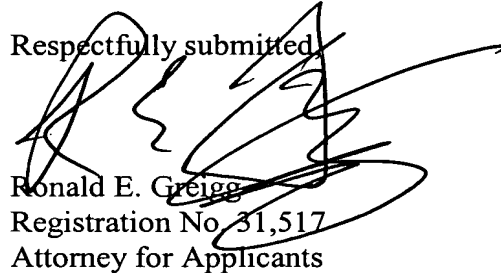
WO 99/22384

This patent teaches a method for joining an annealed magnetic armature of an electromagnetic actuator to a shaft. The armature has an aperture therein and a portion of the shaft has a reduced cross section. The method includes inserting the shaft into the aperture so that the reduced cross section portion is generally adjacent to the surfaces defining the aperture. Applying a force to the magnetic armature will deform a portion of the magnetic armature in a region near the aperture so that material of the armature may engage with the reduced cross section portion of the shaft, thereby joining the shaft to the magnetic armature.

App. No. 10/728,833
IDS filed October 22, 2004
Prior to first Office Action

Examination of this application is respectfully requested.

Respectfully submitted,

A large, stylized handwritten signature in black ink, appearing to read 'R. Greigg', is written over the text 'Respectfully submitted,' and the name 'Ronald E. Greigg'.

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INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

R.303598

Application Number

10/728,833

Applicant(s)

Christian Braeuer et al.

Filing Date

12-08-2003

Group Art Unit

3729

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		DE 100 16 318 A1	10-19-2000	Germany			✓	
		DE 197 23 520 A1	12-10-1998	Germany				✓
		WO 99/22384	05-06-1999	PCT			✓	

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.